

Amendments to the claims:

4. 12. (currently amended) An actuator (1) ~~in particular~~ for an assembly of a motor vehicle, comprising:

~~having~~ a unit comprising an electric motor (3), a gear (47), and a motor electronics unit (4),

~~having~~ a housing (9), ~~which comprises~~ comprising a gear housing (12) for the gear (47) and an electronics housing (15) for the motor electronics unit (4),

~~having~~ a motor housing (6) of the electric motor (3), ~~which wherein said motor housing~~ is connected to the housing (9),

~~having~~ a shaft (19) of the electric motor (3), ~~which wherein said shaft~~ protrudes into the gear housing (12),

~~having~~ a brush holder (41) in the housing (9),

~~having~~ a printed circuit board (31), wherein said printed circuit board (31) is disposed in the electronics housing (15) and is connected to an external connection plug (37), wherein said printed circuit board is further electrically connected to the brush holder (41) and to components of the motor electronics unit (4).

- ~~• which is disposed in the electronics housing (15),~~
 - ~~• which is connected to an external connection plug (37),~~
 - ~~• which is electrically connected to the brush holder (41) and to components of the motor electronics unit (4),~~
- ~~characterized in that~~

wherein the brush holder (41), for installation in the actuator (1), is loosely coupled to the printed circuit board (31).

~~2.~~ 13. (currently amended) The actuator of claim 4 12, characterized in that wherein the brush holder (41), after installation in the actuator (1), is secured to the housing (9).

~~3.~~ 14. (currently amended) The actuator of claim 4 12, characterized in that wherein the brush holder (41) is disposed in the region of the electronics housing (15).

~~4.~~ 15. (currently amended) The actuator of claim 4 12, characterized in that wherein the brush holder (41) is loosely coupled to the printed circuit board (31) by detent elements (43).

~~5.~~ 16. (currently amended) The actuator of claim 4 12, characterized in that wherein electrical components (54) are disposed movably on the brush holder (41) in a receptacle (72), so that ~~their~~ electrical connection lines (51) of the electrical components can be connected electrically to the printed circuit board (31) without mechanical stresses, when the brush holder (41) is mounted in the housing (9).

~~6- 17.~~ (currently amended) The actuator of claim 4 12,
~~characterized in that~~ wherein the gear housing (12) and electronics housing (15)
comprise at least one upper part (23, 26) and at least one lower part (24, 27),
and ~~that~~ wherein at least one lower part (24) of the gear housing (12) and at least
one lower part (27) of the electronics housing (15) are integral.

~~7- 18.~~ (currently amended) The actuator of claim 4 12,
~~characterized in that~~ wherein at least one upper part (26) of the electronics
housing (15) is integral with at least one upper part (23) of the gear housing (12).

~~8- 19.~~ (currently amended) The actuator of claim 4 12,
~~characterized in that~~ wherein the motor housing (6) and at least one part of the
housing (9) are integral.

~~9- 20.~~ (currently amended) The actuator of claim 4 12,
~~characterized in that~~ wherein the printed circuit board (31) is fixed to the housing
(9) by means of elastic contact-pressure elements (37), ~~which~~ wherein said
contact-pressure elements are disposed on ~~the~~ a lower part of the housing (24,
27).

~~10- 21.~~ (currently amended) A method for mounting an
actuator (1), ~~comprising~~ having an electric motor (30) with a motor housing (6)
and having a rotor, ~~which wherein said rotor~~ has a shaft (19) with a commutator

(58), and having a printed circuit board (31), a housing (9), bearings, a brush holder (41) and electrical components (54), ~~in particular of claim 1, having~~ comprising the following ~~method steps~~:

connecting the motor housing (6) of the electric motor (3) ~~is connected~~ to the housing (9), so that part of the shaft (19) with the commutator (58) protrudes into the housing (9);

mounting the brush holder (41) ~~is mounted~~ to the printed circuit board (31) having the motor electronics unit (4) and the connection plug (37) by the ~~provision that the~~ snapping into place detent hooks (43) of the brush holder (41) ~~snap into place onto~~ the printed circuit board (31);

introducing the printed circuit board (31) ~~is introduced~~ into the housing (9);

guiding the printed circuit board (31) ~~is guided~~ in the housing (9) by means of at least one guide peg (72);

guiding the brush holder (41) ~~is guided~~ in the housing (9) by means of at least one guide protrusion (74) ~~÷~~, wherein brushes of the brush holder (41) grip the commutator (58) and align the brush holder (41) with the commutator (58);

fixing the brush holder (41) ~~is fixed~~ to the housing (9);

mounting the at least one upper part of the electronics housing (26) and the at least one lower part of the housing (24, 27) ~~are mounted~~.

44. 22. (currently amended) The method of claim 40 21, ~~characterized in that~~ further comprising the step of releasing the detent hooks (43) of the brush holder (41) from the printed circuit board (31) after the

installation of the printed circuit board (31) in the actuator (1), ~~the detent hooks~~
~~(43) of the brush holder (41) are released from the printed circuit board (31).~~